

To understand the sequence of integers printed by the call `ex233(6)`, let's break down the function step-by-step. The function works recursively and prints `n` at the beginning and end of each call, with recursive calls to `ex233(n-2)` and `ex233(n-3)` in between.

Here is the function for reference:

```
public static void ex233(int n)
{
    if (n <= 0) return;
    StdOut.println(n);
    ex233(n-2);
    ex233(n-3);
    StdOut.println(n);
}
```

Let's trace the call `ex233(6)`:

1. `ex233(6)` :
 - Print 6
 - Call `ex233(4)`
2. `ex233(4)` :
 - Print 4
 - Call `ex233(2)`
3. `ex233(2)` :
 - Print 2
 - Call `ex233(0)` (returns immediately because `n <= 0`)
 - Call `ex233(-1)` (returns immediately because `n <= 0`)
 - Print 2
 - Return to `ex233(4)`
4. Back in `ex233(4)` :
 - Call `ex233(1)`
5. `ex233(1)` :
 - Print 1
 - Call `ex233(-1)` (returns immediately because `n <= 0`)
 - Call `ex233(-2)` (returns immediately because `n <= 0`)
 - Print 1
 - Return to `ex233(4)`
6. Back in `ex233(4)` :
 - Print 4
 - Return to `ex233(6)`
7. Back in `ex233(6)` :

- Call `ex233(3)`
8. `ex233(3)` :
- Print `3`
 - Call `ex233(1)`
9. `ex233(1)` :
- Print `1`
 - Call `ex233(-1)` (returns immediately because `n <= 0`)
 - Call `ex233(-2)` (returns immediately because `n <= 0`)
 - Print `1`
 - Return to `ex233(3)`
10. Back in `ex233(3)` :
- Call `ex233(0)` (returns immediately because `n <= 0`)
 - Print `3`
 - Return to `ex233(6)`
11. Back in `ex233(6)` :
- Print `6`
 - End

Combining all the prints in order:

1. 6
2. 4
3. 2
4. 2
5. 1
6. 1
7. 4
8. 3
9. 1
10. 1
11. 3
12. 6

Thus, the sequence of integers printed by the call `ex233(6)` is:

6 4 2 2 1 1 4 3 1 1 3 6